

survey results in the project study area.

Table 4. Federally Protected Species for Davidson County

Scientific Name	Common Name	Federal Status	Habitat Present	Biological Conclusion
<i>Clemmys muhlenbergii</i>	Bog Turtle	T(S/A)	No	Not Required
<i>Helianthus schweinitzii</i>	Schweinitz's sunflower	E	Yes	No Effect

E - Endangered.

T(S/A) - Threatened due to similarity of appearance.

Schweinitz's Sunflower

Biological Conclusion: No Effect

Suitable habitat for Schweinitz's sunflower is present in the project study area due to its partially-disturbed nature, the presence of field edges, roadsides, and mafic rock origins of the Southern Outer Piedmont. A search of the NCNHP database (updated December 1, 2012) showed no occurrences of Schweinitz's sunflower within 1.0 mile of the project study area. Surveys for Schweinitz's sunflower were conducted on October 1, 2012 by NCDOT biologists and no individuals were observed. It can be concluded that the construction of the proposed project will not affect Schweinitz's sunflower.

Bald and Golden Eagle Protection Act

Habitat for the bald eagle primarily consists of mature forest in close proximity to large bodies of open water for foraging. Large, dominant trees are utilized for nesting sites, typically within 1.0 mile of open water. Surveys for nest trees were conducted on October 17, 2007 within the project study area and within 660 feet of the project study area. No bald eagles or nests were observed. The oldest trees within the survey area were sparse tulip poplars and willow oaks approximately 30-40 years of age which were not suitable for nesting. There are no large bodies of water within 1.0 mile of the 660 feet survey area. This project will not affect the bald eagle or its habitat.

VI. HUMAN ENVIRONMENT

Section 106 Compliance Guidelines

This project is subject to compliance with Section 106 of the National Historic Preservation Act of 1966, as amended, and implemented by the Advisory Council on Historic Preservation's Regulations for Compliance with Section 106, codified at Title 36 CFR Part 800. Section 106 requires Federal agencies to take into account the effect of their undertakings (federally funded, licensed, or permitted) on properties included in or eligible for inclusion in the National Register of Historic Places and afford the Advisory Council a reasonable opportunity to comment on such undertakings.